STATE OF CALIFORNIA PETE WILSON, *Governor*

DELTA PROTECTION COMMISSION
14215 RIVER ROAD
P.O. BOX 530
WALNUT GROVE, CA 95690
PHONE: (916) 776-2290
FAX: (916) 776-2293

September 12, 1997

To: Delta Protection Commission

From: Walter Kornichuk, Environmental Services Intern

Subject: Update on CALFED Storage and Conveyance Options

At the CALFED BDAC meeting on July 22, 1997, CALFED staff presented the alternative narrowing process used to compare and evaluate all storage and conveyance options under consideration toward the CALFED Draft EIR/EIS. Enclosed is a CALFED storage and conveyance Alternative Matrix chart. The following is a list of alternatives and their current status as of September 12, 1997:

Retained Alternatives

Alternative 1A, Re-Operation.

Alternative 1B, Re-Operation/CVP-SWP Improvements.

Alternative 1C, Re-Operation/CVP-SWP Improvements/New Storage.

Alternative 2A, North Delta Improvements/Hood Intake/South Delta Improvements.

Alternative 2B, North Delta Improvements/Hood Intake/South Delta Improvements/New Storage.

Alternative 2D, Hood Intake/Floodway and Habitat/CVP-SWP Improvements/ New Storage.

Alternative 2E, Floodway and Habitat/CVP-SWP Improvements/New Storage.

Alternative 3A, 5,000 CFS Open Channel Isolated Facility/North Delta Improvements/South Delta Improvements.

Alternative 3B, 5,000 CFS Open Channel Isolated Facility/North Delta Improvements/South Delta Improvements/CVP-SWP Improvements/New Storage.

Alternative 3E, 15,000 CFS Open Channel Isolated Facility/North Delta Improvements/CVP-SWP Improvements/New Storage.

Alternative 3H, 5,000 CFS Open Channel Isolated Facility/ Floodway and Habitat/ CVP-SWP Improvement/New Storage.

Deleted Alternatives

Alternative 2C, Three Intakes.

Alternative 3C, 5,000 CFS Pipeline Isolated Facility/North Delta Improvements/South Delta Improvements [now combined with 3A].

Alternative 3D, 5,000 CFS Pipeline Isolated Facility/North Delta Improvements/South Delta Improvements/CVP-SWP Improvements/New Storage [now combined with 3B].

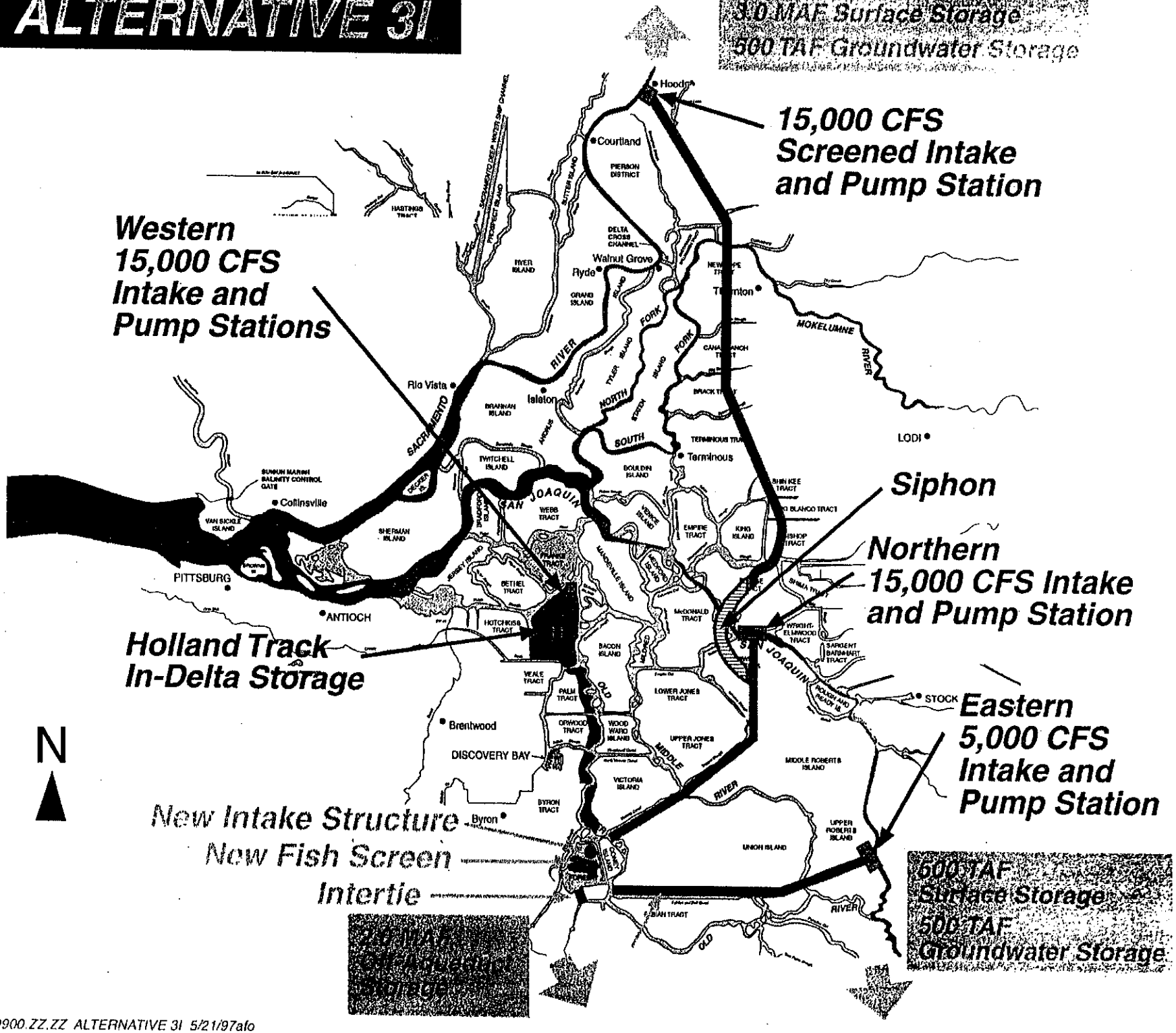
Alternative 3F, Chain of Lakes.

Alternative 3G, Deep Water Ship Channel and West Tunnel.

Added Alternative

Alternative 3I, Hood Intake/Three Additional Intakes/New Storage.
(Map of new alternative is attached).

ALTERNATIVE 3I



139900.ZZ.ZZ ALTERNATIVE 3I 5/21/97afo

Alternative Matrix

		Common Programs			Storage						Conveyance														
											South Delta					North Delta				Isolated Facilities					
		Water Quality	Water Use Efficiency	Ecosystem Restoration	Levee System Integrity	surface storage on Sac R. tributaries (in MAF)	surface storage on San Joaquin R. (in TAF)	groundwater storage in San Joaquin Valley (in TAF)	groundwater storage in Sac Valley (in TAF)	surface storage off-aqueduct (in MAF)	In-Delta storage (in TAF)	fish screens at Skinner and Tracy at head of CCF	intake between Tracy & CCF	new CCF intake structure	flow & stage control) measures installed (or equivalent)	operable Old R. barrier (or equivalent)	channel enlargement along Old R.	screened intake at Hood	North Delta Channel Modifications	Mokelumne River Floodway (East)	Mokelumne River Floodway (West)	East Delta Habitat	Tyler Island Aquatic Habitat	3 isolated conveyance channels	5,000 cfs open channel/pipeline from Hood to CCF	15,000 cfs open channel from Hood to CCF
Existing Through Delta Channels	Alt 1 a	X	X	X	X																					
	b	X	X	X	X							X	X		X	X										
	c	X	X	X	X	3		500	500	1		X	X	X	X	X	X									
Modified Through Delta	Alt 2 a	X	X	X	X							X	X	X	X	X	X	X	X							
	b	X	X	X	X	3	500	500	500	2		X	X	X	X	X	X	X	X							
	d	X	X	X	X					2		X	X	X	X		X	X		X		X				
	e	X	X	X	X	3	500	500	500	2		X	X	X	X		X				X	X	X			
Dual System	Alt 3 a	X	X	X	X							X	X	X	X	X	X	X	X						X	
	b	X	X	X	X	3	500	500	500	2	200	X	X	X	X	X	X	X	X						X	
	e	X	X	X	X	3	500	500	500	2	200	X	X	X	X			X	X							X
	h	X	X	X	X	3	500	500	500	2		X	X	X	X		X	X			X	X	X		X	
	i	X	X	X	X	3	500	500	500	2	100	X	X	X				X	X					X		X

CALFED BAY-DELTA PROGRAM

Alternative Matrix.8-21-97.MMM